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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/761,489

01/20/2004

Daniel C. Griffin

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SPOKANE, WA 99201

EXAMINER

WEST, THOMAS C

ART UNIT

PAPER NUMBER

3621

NOTIFICATION DATE

DELIVERY MODE

06/24/2010

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

lhptoms@leehayes.com

<b>Office Action Summary</b>	<b>Application No.</b> 10/761,489	<b>Applicant(s)</b> GRIFFIN ET AL.	
	<b>Examiner</b> THOMAS WEST	<b>Art Unit</b> 3621	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 16 February 2010.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1,9,12,15,17,19 and 21-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 9, 12, 15, 17, 19, 21-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>12-15-09</u> .  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### **Status of Claims**

1. This action is in response to the Arguments/Remarks filed February 16, 2010.
2. Claims 1, 9, 12, 15, 17, 19, 21-24 are currently pending and have been examined.

### ***Information Disclosure Statement***

3. The Information Disclosure Statements filed on December 15, 2009 has been considered.  
An initialed copy of Form 1449 is enclosed herewith.

### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1, 9, 12, 15, 17, 19, 21-24 are rejected under U.S.C. 103(a) as being unpatentable over Hamann et al., U.S. Patent Application No. 2002/0026578 ("Hamann"), in view of Dancs, U.S. Patent No. 6,108,789 (Dancs), in view of Skomora, U.S. Patent Application No. 20050076198, in view of Palaniswamy, U.S. Patent No. 6951095.

### **Claims 1, 9, 17, 21, 23:**

Hamann, as shown, discloses

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determining if a smartcard is operatively available, said smartcard having smartcard memory (see at least paragraphs 36, 46)

identifying, reading (verification of digital signature, checking availability of public root key), and storing a root certificate (see at least paragraphs 5, 6, 31, 33, 36).

reading at least one root certificate from said smartcard memory (see paragraph 39)

storing said at least one root certificate in a computing device having computer memory operatively coupled to said smartcard (see paragraph 32, user's client system)

wherein the storing comprises copying said at least one root certificate from the smartcard to a certificate store maintained in said computer memory (see paragraph 46)

authentication by the smartcard (see paragraphs 30-41, 46)

Hamann discloses the limitations as shown above. Hamann does not directly disclose the following limitation, but Dancs teaches:

requiring entry of a password (see at least col. 7, lines 23-40)

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Hamann to include the password of Dancs since this allows for access control of the smartcard through a PIN or password, to prevent fraudulent use.

Hamann/Dancs discloses the limitations as shown above including a root certificate. Hamann/Dancs does not directly disclose the following limitation, but Skomora teaches:

determining when said smartcard is no longer operatively available to the computing device; (see paragraphs 39, 114)

manage root certificate on said computing device when said smartcard is no longer operatively available (see paragraph 114).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Hamann/Dancs to include the password of Skomora since this allows for the disabling of trust related processes on a device when the smart card is removed.

Hamann/Dancs does not directly disclose the following limitation, but Palaniswany teaches

erasing said root certificate (col.6. lines 4-67, col . 3, lines 34-67)

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Hamann/Dancs to include the password of Palaniswany since this allows for the disabling of trust related processes on a device when the smart card is removed.

**Claims 12, 19, 22, 24:**

Hamann, as shown, discloses authenticating information (see at least paragraphs 40, 41).

**Claim 15:**

Hamann discloses the limitations as shown above. Hamann does not directly disclose the following limitation, but Dancs teaches:

determining when an account associated with said smartcard is not active (see col. 2, lines 22-32)

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no longer storing said root certificate in said device when said account is not active (see col.12, lines 24-30)

said account is associated with a user and determining when said account is not active includes determining is said user currently logged on (see col. 9, lines 33-49)

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Hamann to include the account activity, deletion of root certificate, and logon of Dancs since this allows for further access control of the smartcard through deletion of the certificate for an inactive account to prevent fraudulent use.

#### ***Response to Arguments***

6. Applicant's arguments with respect to the claims 1, 9, 12, 15, 17, 19, 21-24 have been considered but are moot in view of the new grounds of rejection.

*Conclusion*

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas West whose telephone number is 571-270-1236. The examiner can normally be reached on Tuesday and Wednesday 7:30am - 5pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Fischer can be reached on 571-272-6779. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Thomas West  
Patent Examiner  
Art Unit 3621

/ANDREW J. FISCHER/  
Supervisory Patent Examiner, Art Unit 3621